



MEETING MINUTES

PROJECT: Water Treatment Plant	PAGE: 1 of 2
OWNER: City of Long Beach	PROJECT NUMBER: 08856
MEETING DATE: 9/7/10	CONTRACTOR: Rotschy, Inc.

PRESENT: Gene Miles, City of Long Beach
Rick Gray, City of Long Beach
Casey Danforth, Rotschy, Inc.
Dan Naughton, PACE Engineers, Inc.
Dave Wiebe, PACE Engineers, Inc.

1. COMMENTS ON PREVIOUS MEETING:

- No discussion.

2. SCHEDULE:

- Casey Danforth provided an updated schedule. Specific work tasks were discussed. The primary concern regarding schedule is the drainage outfall to the creek, remaining pipe work, and completion of the earthwork. Casey will request additional personnel and equipment in an attempt to complete these tasks and stabilize (hydroseed) all disturbed areas prior to the end of September.
- Casey indicated that the masonry sub-contractor would mobilize on Tuesday and begin his work.

3. SUBMITTALS:

- No discussion.

4. RFI'S:

- No discussion.

5. PROPOSED CHANGE ORDERS:

- No discussion.

6. CONSTRUCTION ISSUES:

- The installation of the drainage outfall to the creek including placement of the drainage structures and rip-rap was discussed. Representatives of the City, PACE Engineering, and Rotschy agreed that the best approach to access the creek bottom was for the contractor to excavate a 15' wide access corridor into the creek at an approximate 2:1 slope. Physical dimensions were reviewed from the plans, and a vertical drop of 48' and a distance of 100' indicated the approximate 2:1 slope. Dan Naughton requested that the ribbed ADS pipe be bedded and the pipe zone compacted with selected native material in lieu of rock in order to prevent water movement in the pipe zone on the steep slope. Covering the uncompleted slope with plastic sheeting was discussed in the event of inclement weather. Rick Gray agreed to provide the plastic sheeting if it was required. It was agreed that the slope/disturbed area should be seeded as soon as possible. Rotschy will seed the slope after all slope work and restoration is completed and then place straw on the slope and incorporate the straw into the slope by either track walking, or using the pin-wheel compactor to "punch" the straw into the soil. When this is completed, the contractor will again hand broadcast seed and nitrogen fertilizer over the finished surface. It was hoped that all the work would be completed quickly in order to seed this area by the 15th of September.
- The progress on the drainage piping and manhole placement was discussed. The recent rains and probability of a wetter and colder autumn have everyone concerned about progress and the timely completion of the drainage piping and earthwork.
- The earthwork was discussed and it was suggested that the contractor cover the existing stockpiles of embankment material in the event of significant rainfall.
- The concrete slabs/sidewalks around the WTP building were discussed. A thickened edge is detailed for the slabs but not the sidewalks. It was determined that the north sidewalk should have a thickened edge and be 6" in depth because of possible truck/equipment traffic on the north side encroaching on the sidewalk and causing damage.
- The potable water system was discussed and the need to separate the chemical feeds from the domestic



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water locations. An additional 2" backflow prevention device will be required and pipe routing/changes will be made in the field with coordination from Rick Gray, the plumber, and PACE. Rotschy will review and respond regarding cost impacts, if any.

- Rick Gray discussed the coordination that is required between the City and Siemens as it relates to the relocation of the chlorine dioxide generator to the new WTP.

7. CONTRACTOR CONCERNS:

- No discussion.

8. ENGINEER / CITY CONCERNS:

- No discussion.

9. Q & A:

- No discussion.